

09/920689

FILE 'REGISTRY' ENTERED AT 10:51:12 ON 01 APR 2004
ACT LEVY920/A

Key terms

L1 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "TRANS-8,TRANS-10-DODEC
L2 (6) SEA FILE=REGISTRY ABB=ON PLU=ON (16974-11-1 OR 2077-10-
L3 (1) SEA FILE=REGISTRY ABB=ON PLU=ON 20711-10-8/RN
L4 (7) SEA FILE=REGISTRY ABB=ON PLU=ON L2 OR L3
L5 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-11-TETRADECENYL AC
L6 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E)-11-TETRADECENYL AC
L7 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-8-DODECENYL ACETAT
L8 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E)-8-DODECENYL ACETAT
L9 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-8-DODECEN-1-OL"/CN
L10 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z,Z)-3,13-OCTADECADIE
L11 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E,Z)-3,13-OCTADECADIE
L12 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-9-DODECENYL ACETAT
L13 9 SEA FILE=REGISTRY ABB=ON PLU=ON L1 OR L2 OR L3 OR L4 OR

L14 1 S WATER/CN

FILE 'USPATFULL' ENTERED AT 10:52:12 ON 01 APR 2004

L1 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "TRANS-8,TRANS-10-DODEC
ADIEN-1-OL"/CN
L2 (6) SEA FILE=REGISTRY ABB=ON PLU=ON (16974-11-1 OR
2077-10-8 OR 33189-72-9 OR 33956-49-9 OR 40642-40-8 OR
53120-26-6 OR 53120-27-7)/RN
L3 (1) SEA FILE=REGISTRY ABB=ON PLU=ON 20711-10-8/RN
L4 (7) SEA FILE=REGISTRY ABB=ON PLU=ON L2 OR L3
L5 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-11-TETRADECENYL
ACETATE"/CN
L6 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E)-11-TETRADECENYL
ACETATE"/CN
L7 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-8-DODECENYL
ACETATE"/CN
L8 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E)-8-DODECENYL
ACETATE"/CN
L9 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-8-DODECEN-1-OL"/CN
L10 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z,Z)-3,13-OCTADECADIE
N-1-YL ACETATE"/CN
L11 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E,Z)-3,13-OCTADECADIE
N-1-OL ACETATE"/CN
L12 (1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-9-DODECENYL
ACETATE"/CN
L13 9 SEA FILE=REGISTRY ABB=ON PLU=ON L1 OR L2 OR L3 OR L4
OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11 OR L12
L14 1 SEA FILE=REGISTRY ABB=ON PLU=ON WATER/CN
L15 141 SEA FILE=USPATFULL ABB=ON PLU=ON TRANS(W)8(W)TRANS(W)10
(W)D!DECAD? OR ((E OR Z)(W)8(W)DODEC? OR (E OR Z)(W)Z(W)3
(W)13(W)(OCTADEC? OR OCTA DEC?) OR (E OR Z)(W)11(W)(TETRA
DEC? OR TETRA DEC?) OR Z(W)9(W)DODEC?) (3A)ACETATE OR Z 8
DODECEN?
L16 96 SEA FILE=USPATFULL ABB=ON PLU=ON (L13 OR L15)(L)(L14
OR WATER OR H2O)
L18 62 SEA FILE=USPATFULL ABB=ON PLU=ON L16(L)(MATRIX? OR
MATRIC?)

09/920689

L19 33 SEA FILE=USPATFULL ABB=ON PLU=ON L18(L) (INORG OR
INORGANIC?)
L20 32 SEA FILE=USPATFULL ABB=ON PLU=ON L19(L) (LATEX(5A)PARTIC
LE OR SURFACTANT OR SURFACE(1A)ACTIVE)
L21 19 SEA FILE=USPATFULL ABB=ON PLU=ON L20(L)CHANNEL?

L21 ANSWER 1 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2004:7776 USPATFULL

TITLE: Novel 27875, 22025 ,27420, 17906, 16319, 55092
and 10218 molecules and uses therefor

INVENTOR(S): Kapeller-Libermann, Rosana, Chestnut Hill, MA,
UNITED STATES
White, David, Braintree, MA, UNITED STATES
Robison, Keith E., Wilmington, MA, UNITED STATES
MacBeth, Kyle J., Boston, MA, UNITED STATES
Carroll, Joseph M., Cambridge, MA, UNITED STATES
Cook, William James, Hanover, NH, UNITED STATES
Meyers, Rachel E., Newton, MA, UNITED STATES
Chun, Miyoung, Belmont, MA, UNITED STATES
Williamson, Mark J., Saugus, MA, UNITED STATES
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc. (U.S.
corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2004006016 | A1 | 20040108 |
| APPLICATION INFO.: | US 2003-386414 | A1 | 20030311 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1999-426282, filed on 25 Oct 1999, ABANDONED | | |
| | Continuation-in-part of Ser. No. US 2000-668266, filed on 22 Sep 2000, ABANDONED | | |
| | Continuation-in-part of Ser. No. US 1999-330970, filed on 11 Jun 1999, GRANTED, Pat. No. US 6146876 Continuation-in-part of Ser. No. US 2000-724599, filed on 28 Nov 2000, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-860193, filed on 16 May 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2000-571689, filed on 16 May 2000, ABANDONED | | |
| | Continuation-in-part of Ser. No. US 2002-283023, filed on 29 Oct 2002, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-10943, filed on 6 Dec 2001, PENDING Continuation-in-part of Ser. No. US 2001-833082, filed on 10 Apr 2001, ABANDONED | | |

| | NUMBER | DATE |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | US 2001-335044P | 20011031 (60) |
| | US 2000-254037P | 20001207 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA, 02139 | |
| NUMBER OF CLAIMS: | 18 | |
| EXEMPLARY CLAIM: | 1 | |

Searcher : Shears 571-272-2528

LINE COUNT: 25349

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 27875, 22025, 27420, 16319, 55092 and 10218 nucleic acid molecules. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 27875, 22025, 27420, 16319, 55092 and 10218 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 27875, 22025, 27420, 16319, 55092 and 10218 gene has been introduced or disrupted. The invention still further provides isolated 27875, 22025, 27420, 17906, 16319, 55092 or 10218 proteins, fusion proteins, antigenic peptides and anti-27875, 22025, 27420, 17906, 16319, 55092 or 10218 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/012.000

INCLS: 530/350.000; 536/023.200; 435/006.000; 435/069.100;
435/320.100; 435/325.000; 435/183.000

NCL NCLM: 514/012.000

NCLS: 530/350.000; 536/023.200; 435/006.000; 435/069.100;
435/320.100; 435/325.000; 435/183.000

L21 ANSWER 2 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2004:2568 USPATFULL

TITLE: 50 human secreted proteins

INVENTOR(S): Moore, Paul A., Germantown, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2004002591 | A1 | 20040101 |
| APPLICATION INFO.: | US 2002-47021 | A1 | 20020117 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2000-722329, filed on 28 Nov 2000, PENDING Continuation of Ser. No. US 1999-262109, filed on 4 Mar 1999, ABANDONED Continuation-in-part of Ser. No. WO 1998-US18360, filed on 3 Sep 1998, PENDING | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2001-262066P | 20010118 (60) |
| | US 1997-57626P | 19970905 (60) |
| | US 1997-57663P | 19970905 (60) |
| | US 1997-57669P | 19970905 (60) |
| | US 1997-58666P | 19970912 (60) |
| | US 1997-58667P | 19970912 (60) |

09/920689

US 1997-58973P 19970912 (60)
US 1997-58974P 19970912 (60)
US 1998-90112P 19980622 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 23
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 33379
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 530/395.000

NCL NCLM: 530/395.000

L21 ANSWER 3 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:330125 USPATFULL

TITLE: Novel human ion channel and transporter family members

INVENTOR(S): Curtis, Rory A. J., Framingham, MA, UNITED STATES
Silos-Santiago, Inmaculada, Jamaica Plain, MA, UNITED STATES
Gu, Wei, Brookline, MA, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2003232336 | A1 | 20031218 |
| APPLICATION INFO.: | US 2002-162102 | A1 | 20020604 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2001-875321, filed on 6 Jun 2001, PENDING Continuation-in-part of Ser. No. WO 2001-US18340, filed on 6 Jun 2001, PENDING | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | WO 2001-US18340 | 20010606 |
| | WO 2001-US18398 | 20010605 |
| | WO 2001-US18247 | 20010605 |
| | WO 2001-US25474 | 20010815 |
| | WO 2001-US26096 | 20010821 |
| | WO 2002-US9728 | 20020328 |
| | US 2001-290288P | 20010511 (60) |
| | US 2001-279281P | 20010328 (60) |
| | US 2000-226770P | 20000821 (60) |
| | US 2000-227068P | 20000822 (60) |
| | US 2000-209845P | 20000606 (60) |

Searcher : Shears 571-272-2528

09/920689

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Intellectual Property Group, MILLENNIUM
PHARMACEUTICALS, INC., 75 Sidney Street,
Cambridge, MA, 02139

NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 40 Drawing Page(s)
LINE COUNT: 38135

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 52906, 33408, 12189, 21784, 56201, 32620, 44589, 84226, and 8105 nucleic acid molecules, which encode novel human calcium channel family members, human sodium ion channel family members, human potassium channel family members, human sodium-sugar symporter family members, human ABC transporter family members, human cation family members, and human sugar transporter family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 52906, 33408, 12189, 21784, 56201, 32620, 44589, 84226, or 8105 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 52906, 33408, 12189, 21784, 56201, 32620, 44589, 84226, or 8105 gene has been introduced or disrupted. The invention still further provides isolated 52906, 33408, 12189, 21784, 56201, 32620, 44589, 84226, or 8105 proteins, fusion proteins, antigenic peptides and anti-52906, 33408, 12189, 21784, 56201, 32620, 44589, 84226, or 8105 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/006.000
INCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000;
530/350.000; 536/023.500; 530/388.100
NCL NCLM: 435/006.000
NCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000;
530/350.000; 536/023.500; 530/388.100

L21 ANSWER 4 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:318632 USPATFULL

TITLE: Novel human transferase family members and uses thereof

INVENTOR(S): Meyers, Rachel E., Newton, MA, UNITED STATES
Williamson, Mark, Saugus, MA, UNITED STATES
Leiby, Kevin R., Natick, MA, UNITED STATES
Kapeller-Libermann, Rosana, Chestnut Hill, MA, UNITED STATES
Olandt, Peter J., Newton, MA, UNITED STATES
MacBeth, Kyle J., Boston, MA, UNITED STATES
Rudolph-Owen, Laura A., Jamaica Plain, MA, UNITED STATES
Tsai, Fong-Ying, Newton, MA, UNITED STATES
Hunter, John J., Somerville, MA, UNITED STATES

| NUMBER | KIND | DATE |
|--------|-------|-------|
| ----- | ----- | ----- |

Searcher : Shears 571-272-2528

09/920689

PATENT INFORMATION: US 2003224376 A1 20031204
APPLICATION INFO.: US 2002-184648 A1 20020627 (10)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2001-815028,
filed on 22 Mar 2001, PENDING
Continuation-in-part of Ser. No. US 2001-801220,
filed on 7 Mar 2001, PENDING Continuation-in-part
of Ser. No. US 2001-816714, filed on 23 Mar 2001,
ABANDONED Continuation-in-part of Ser. No. US
2001-844948, filed on 27 Apr 2001, PENDING
Continuation-in-part of Ser. No. US 2001-861164,
filed on 18 May 2001, ABANDONED
Continuation-in-part of Ser. No. US 2001-883060,
filed on 15 Jun 2001, PENDING
Continuation-in-part of Ser. No. US 2001-962678,
filed on 25 Sep 2001, PENDING
Continuation-in-part of Ser. No. US 2001-973457,
filed on 9 Oct 2001, PENDING Continuation-in-part
of Ser. No. US 2002-72285, filed on 8 Feb 2002,
PENDING Continuation-in-part of Ser. No. US
2001-817910, filed on 26 Mar 2001, PENDING
Continuation-in-part of Ser. No. US 2001-842528,
filed on 25 Apr 2001, ABANDONED
Continuation-in-part of Ser. No. US 2001-882836,
filed on 15 Jun 2001, PENDING
Continuation-in-part of Ser. No. US 2001-882872,
filed on 15 Jun 2001, ABANDONED

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | WO 2001-US9358 | 20010322 |
| | WO 2001-US7269 | 20010307 |
| | WO 2001-US9468 | 20010323 |
| | WO 2001-US13805 | 20010427 |
| | WO 2001-US16292 | 20010518 |
| | WO 2001-US19138 | 20010615 |
| | WO 2001-US29963 | 20010925 |
| | WO 2002-US3736 | 20020208 |
| | WO 2001-US9633 | 20010326 |
| | WO 2001-US40607 | 20010425 |
| | WO 2001-US19543 | 20010615 |
| | WO 2001-US19153 | 20010615 |
| | US 2000-191964P | 20000324 (60) |
| | US 2000-187456P | 20000307 (60) |
| | US 2000-191865P | 20000324 (60) |
| | US 2000-200604P | 20000428 (60) |
| | US 2000-205408P | 20000519 (60) |
| | US 2000-212079P | 20000615 (60) |
| | US 2000-235044P | 20000925 (60) |
| | US 2000-238849P | 20001006 (60) |
| | US 2001-267494P | 20010208 (60) |
| | US 2000-192092P | 20000324 (60) |
| | US 2000-199500P | 20000425 (60) |
| | US 2000-211730P | 20000615 (60) |
| | US 2000-212077P | 20000615 (60) |

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

Searcher : Shears 571-272-2528

LEGAL REPRESENTATIVE: Theodore R. Allen, Millennium Pharmaceuticals,
Inc., 75 Sidney Street, Cambridge, MA, 02139
NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 125 Drawing Page(s)
LINE COUNT: 66695

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 33877, 47179, 26886, 25552, 32132, 32244, 23680, 32624, 47174, 60491, 46743, 27417, 27960, 32252, and 53320 nucleic acid molecules, which encode novel human transferase family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 33877, 47179, 26886, 25552, 32132, 32244, 23680, 32624, 47174, 60491, 46743, 27417, 27960, 32252, or 53320 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 33877, 47179, 26886, 25552, 32132, 32244, 23680, 32624, 47174, 60491, 46743, 27417, 27960, 32252, or 53320 gene has been introduced or disrupted. The invention still further provides isolated 33877, 47179, 26886, 25552, 32132, 32244, 23680, 32624, 47174, 60491, 46743, 27417, 27960, 32252, or 53320 proteins, fusion proteins, antigenic peptides and anti-33877, 47179, 26886, 25552, 32132, 32244, 23680, 32624, 47174, 60491, 46743, 27417, 27960, 32252, or 53320 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000;
536/023.200; 424/144.100; 514/007.000; 514/001.000;
514/012.000
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000;
536/023.200; 424/144.100; 514/007.000; 514/001.000;
514/012.000

L21 ANSWER 5 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:258639 USPATFULL
TITLE: 207 human secreted proteins
INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
STATES
Wei, Ying-Fei, Berkeley, CA, UNITED STATES
Florence, Charles, Rockville, MD, UNITED STATES
Hu, Jing-Shan, Mountain View, CA, UNITED STATES
Li, Yi, Sunnyvale, CA, UNITED STATES

09/920689

Kyaw, Hla, Frederick, MD, UNITED STATES
Fischer, Carrie L., Burke, VA, UNITED STATES
Ferrie, Ann M., Painted Post, NY, UNITED STATES
Fan, Ping, Potomac, MD, UNITED STATES
Feng, Ping, Gaithersburg, MD, UNITED STATES
Endress, Gregory A., Florence, MA, UNITED STATES
Dillon, Patrick J., Carlsbad, CA, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Zeng, Zhizhen, Lansdale, PA, UNITED STATES
Greene, John M., Gaithersburg, MD, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 2003181692 | A1 | 20030925 |
| APPLICATION INFO.: | US 2001-933767 | A1 | 20010822 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. WO 2001-US5614, filed on 21 Feb 2001, PENDING Continuation-in-part of Ser. No. US 1998-205258, filed on 4 Dec 1998, PENDING | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-184836P | 20000224 (60) |
| | US 2000-193170P | 20000329 (60) |
| | US 1997-48885P | 19970606 (60) |
| | US 1997-49375P | 19970606 (60) |
| | US 1997-48881P | 19970606 (60) |
| | US 1997-48880P | 19970606 (60) |
| | US 1997-48896P | 19970606 (60) |
| | US 1997-49020P | 19970606 (60) |
| | US 1997-48876P | 19970606 (60) |
| | US 1997-48895P | 19970606 (60) |
| | US 1997-48884P | 19970606 (60) |
| | US 1997-48894P | 19970606 (60) |
| | US 1997-48971P | 19970606 (60) |
| | US 1997-48964P | 19970606 (60) |
| | US 1997-48882P | 19970606 (60) |
| | US 1997-48899P | 19970606 (60) |
| | US 1997-48893P | 19970606 (60) |
| | US 1997-48900P | 19970606 (60) |
| | US 1997-48901P | 19970606 (60) |
| | US 1997-48892P | 19970606 (60) |
| | US 1997-48915P | 19970606 (60) |
| | US 1997-49019P | 19970606 (60) |
| | US 1997-48970P | 19970606 (60) |
| | US 1997-48972P | 19970606 (60) |
| | US 1997-48916P | 19970606 (60) |
| | US 1997-49373P | 19970606 (60) |
| | US 1997-48875P | 19970606 (60) |
| | US 1997-49374P | 19970606 (60) |
| | US 1997-48917P | 19970606 (60) |
| | US 1997-48949P | 19970606 (60) |
| | US 1997-48974P | 19970606 (60) |

Searcher : Shears 571-272-2528

09/920689

| | |
|----------------|---------------|
| US 1997-48883P | 19970606 (60) |
| US 1997-48897P | 19970606 (60) |
| US 1997-48898P | 19970606 (60) |
| US 1997-48962P | 19970606 (60) |
| US 1997-48963P | 19970606 (60) |
| US 1997-48877P | 19970606 (60) |
| US 1997-48878P | 19970606 (60) |
| US 1997-57645P | 19970905 (60) |
| US 1997-57642P | 19970905 (60) |
| US 1997-57668P | 19970905 (60) |
| US 1997-57635P | 19970905 (60) |
| US 1997-57627P | 19970905 (60) |
| US 1997-57667P | 19970905 (60) |
| US 1997-57666P | 19970905 (60) |
| US 1997-57764P | 19970905 (60) |
| US 1997-57643P | 19970905 (60) |
| US 1997-57769P | 19970905 (60) |
| US 1997-57763P | 19970905 (60) |
| US 1997-57650P | 19970905 (60) |
| US 1997-57584P | 19970905 (60) |
| US 1997-57647P | 19970905 (60) |
| US 1997-57661P | 19970905 (60) |
| US 1997-57662P | 19970905 (60) |
| US 1997-57646P | 19970905 (60) |
| US 1997-57654P | 19970905 (60) |
| US 1997-57651P | 19970905 (60) |
| US 1997-57644P | 19970905 (60) |
| US 1997-57765P | 19970905 (60) |
| US 1997-57762P | 19970905 (60) |
| US 1997-57775P | 19970905 (60) |
| US 1997-57648P | 19970905 (60) |
| US 1997-57774P | 19970905 (60) |
| US 1997-57649P | 19970905 (60) |
| US 1997-57770P | 19970905 (60) |
| US 1997-57771P | 19970905 (60) |
| US 1997-57761P | 19970905 (60) |
| US 1997-57760P | 19970905 (60) |
| US 1997-57776P | 19970905 (60) |
| US 1997-57778P | 19970905 (60) |
| US 1997-57629P | 19970905 (60) |
| US 1997-57628P | 19970905 (60) |
| US 1997-57777P | 19970905 (60) |
| US 1997-57634P | 19970905 (60) |
| US 1997-70923P | 19971218 (60) |
| US 1998-92921P | 19980715 (60) |
| US 1998-94657P | 19980730 (60) |
| US 1997-70923P | 19971218 (60) |
| US 1998-92921P | 19980715 (60) |
| US 1998-94657P | 19980730 (60) |

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 23
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 10 Drawing Page(s)

Searcher : Shears 571-272-2528

LINE COUNT: 32746

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 536/023.100
 INCLS: 530/350.000; 435/325.000; 435/183.000; 435/069.100;
 435/320.100
 NCL NCLM: 536/023.100
 NCLS: 530/350.000; 435/325.000; 435/183.000; 435/069.100;
 435/320.100

L21 ANSWER 6 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:257879 USPATFULL

TITLE: Novel human protein kinase, phosphatase, and
 protease family members and uses thereof

INVENTOR(S): Meyers, Rachel E., Newton, MA, UNITED STATES
 Olandt, Peter J., Newton, MA, UNITED STATES
 Kapeller-Libermann, Rosana, Chestnut Hill, MA,
 UNITED STATES
 Curtis, Rory A. J., Framingham, MA, UNITED STATES
 Williamson, Mark, Saugus, MA, UNITED STATES
 Weich, Nadine, Brookline, MA, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2003180930 | A1 | 20030925 |
| APPLICATION INFO.: | US 2002-170789 | A1 | 20020613 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2001-797039, filed on 28 Feb 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-882166, filed on 15 Jun 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-934406, filed on 21 Aug 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-861801, filed on 21 May 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-801267, filed on 6 Mar 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-829671, filed on 10 Apr 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-961721, filed on 24 Sep 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-45367, filed on 7 Nov 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-801275, filed on 6 Mar 2001, PENDING | | |

| | NUMBER | DATE |
|-----------------------|----------------|----------|
| PRIORITY INFORMATION: | WO 2001-US6525 | 20010228 |

09/920689

| | |
|-----------------|---------------|
| WO 2001-US19269 | 20010615 |
| WO 2001-US26052 | 20010821 |
| WO 2001-US16549 | 20010521 |
| WO 2001-US7138 | 20010305 |
| WO 2001-US40483 | 20010411 |
| WO 2001-US29904 | 20010924 |
| WO 2001-US7074 | 20010305 |
| US 2000-186061P | 20000229 (60) |
| US 2000-212078P | 20000615 (60) |
| US 2000-226740P | 20000821 (60) |
| US 2000-205508P | 20000519 (60) |
| US 2000-187454P | 20000307 (60) |
| US 2000-197508P | 20000418 (60) |
| US 2000-235023P | 20000925 (60) |
| US 2000-246561P | 20001107 (60) |
| US 2000-187420P | 20000307 (60) |

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: LOUIS MYERS, Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804
NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 62 Drawing Page(s)
LINE COUNT: 45159

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 2504, 15977, 14760, 53070, 15985, 50365, 26583, 21953, m32404, 14089, and 23436 nucleic acid molecules, which encode novel human protein kinase family members, serine/threonine protein kinase family members, hexokinase family members, serine/threonine phosphatase family members, prolyl oligopeptidase family members, trypsin family members, trypsin serine protease family members, and ubiquitin protease family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 2504, 15977, 14760, 53070, 15985, 50365, 26583, 21953, m32404, 14089, or 23436 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 2504, 15977, 14760, 53070, 15985, 50365, 26583, 21953, m32404, 14089, or 23436 gene has been introduced or disrupted. The invention still further provides isolated 2504, 15977, 14760, 53070, 15985, 50365, 26583, 21953, m32404, 14089, or 23436 proteins, fusion proteins, antigenic peptides and anti-2504, 15977, 14760, 53070, 15985, 50365, 26583, 21953, m32404, 14089, or 23436 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/194.000
INCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200
NCL NCLM: 435/194.000
NCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200

L21 ANSWER 7 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2003:251072 USPATFULL
TITLE: 186 human secreted proteins

Searcher : Shears 571-272-2528

09/920689

INVENTOR(S):

Ruben, Steven M., Olney, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Bednarik, Daniel P., Columbia, MD, UNITED STATES
Endress, Gregory A., Florence, MA, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Feng, Ping, Germantown, MD, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Greene, John M., Gaithersburg, MD, UNITED STATES
Ferrie, Ann M., Painted Post, NY, UNITED STATES
Duan, D. Roxanne, Bethesda, MD, UNITED STATES
Hu, Jing-Shan, Mountain View, CA, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Fischer, Carrie L., Burke, VA, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Li, Yi, Sunnyvale, CA, UNITED STATES
Zeng, ZhiZhen, Lansdale, PA, UNITED STATES
Kyaw, Hla, Frederick, MD, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 2003175858 | A1 | 20030918 |
| APPLICATION INFO.: | US 2001-882171 | A1 | 20010618 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2001-809391, filed on 16 Mar 2001, PENDING Continuation of Ser. No. US 1998-149476, filed on 8 Sep 1998, GRANTED, Pat. No. US 6420526 Continuation-in-part of Ser. No. WO 1998-US4493, filed on 6 Mar 1998, PENDING | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-190068P | 20000317 (60) |
| | US 1997-40162P | 19970307 (60) |
| | US 1997-40333P | 19970307 (60) |
| | US 1997-38621P | 19970307 (60) |
| | US 1997-40626P | 19970307 (60) |
| | US 1997-40334P | 19970307 (60) |
| | US 1997-40336P | 19970307 (60) |
| | US 1997-40163P | 19970307 (60) |
| | US 1997-47600P | 19970523 (60) |
| | US 1997-47615P | 19970523 (60) |
| | US 1997-47597P | 19970523 (60) |
| | US 1997-47502P | 19970523 (60) |
| | US 1997-47633P | 19970523 (60) |
| | US 1997-47583P | 19970523 (60) |
| | US 1997-47617P | 19970523 (60) |
| | US 1997-47618P | 19970523 (60) |

| | |
|----------------|---------------|
| US 1997-47503P | 19970523 (60) |
| US 1997-47592P | 19970523 (60) |
| US 1997-47581P | 19970523 (60) |
| US 1997-47584P | 19970523 (60) |
| US 1997-47500P | 19970523 (60) |
| US 1997-47587P | 19970523 (60) |
| US 1997-47492P | 19970523 (60) |
| US 1997-47598P | 19970523 (60) |
| US 1997-47613P | 19970523 (60) |
| US 1997-47582P | 19970523 (60) |
| US 1997-47596P | 19970523 (60) |
| US 1997-47612P | 19970523 (60) |
| US 1997-47632P | 19970523 (60) |
| US 1997-47601P | 19970523 (60) |
| US 1997-43580P | 19970411 (60) |
| US 1997-43568P | 19970411 (60) |
| US 1997-43314P | 19970411 (60) |
| US 1997-43569P | 19970411 (60) |
| US 1997-43311P | 19970411 (60) |
| US 1997-43671P | 19970411 (60) |
| US 1997-43674P | 19970411 (60) |
| US 1997-43669P | 19970411 (60) |
| US 1997-43312P | 19970411 (60) |
| US 1997-43313P | 19970411 (60) |
| US 1997-43672P | 19970411 (60) |
| US 1997-43315P | 19970411 (60) |
| US 1997-48974P | 19970606 (60) |
| US 1997-56886P | 19970822 (60) |
| US 1997-56877P | 19970822 (60) |
| US 1997-56889P | 19970822 (60) |
| US 1997-56893P | 19970822 (60) |
| US 1997-56630P | 19970822 (60) |
| US 1997-56878P | 19970822 (60) |
| US 1997-56662P | 19970822 (60) |
| US 1997-56872P | 19970822 (60) |
| US 1997-56882P | 19970822 (60) |
| US 1997-56637P | 19970822 (60) |
| US 1997-56903P | 19970822 (60) |
| US 1997-56888P | 19970822 (60) |
| US 1997-56879P | 19970822 (60) |
| US 1997-56880P | 19970822 (60) |
| US 1997-56894P | 19970822 (60) |
| US 1997-56911P | 19970822 (60) |
| US 1997-56636P | 19970822 (60) |
| US 1997-56874P | 19970822 (60) |
| US 1997-56910P | 19970822 (60) |
| US 1997-56864P | 19970822 (60) |
| US 1997-56631P | 19970822 (60) |
| US 1997-56845P | 19970822 (60) |
| US 1997-56892P | 19970822 (60) |
| US 1997-57761P | 19970905 (60) |
| US 1997-47595P | 19970523 (60) |
| US 1997-47599P | 19970523 (60) |
| US 1997-47588P | 19970523 (60) |
| US 1997-47585P | 19970523 (60) |
| US 1997-47586P | 19970523 (60) |

| | |
|----------------|---------------|
| US 1997-47590P | 19970523 (60) |
| US 1997-47594P | 19970523 (60) |
| US 1997-47589P | 19970523 (60) |
| US 1997-47593P | 19970523 (60) |
| US 1997-47614P | 19970523 (60) |
| US 1997-43578P | 19970411 (60) |
| US 1997-43576P | 19970411 (60) |
| US 1997-47501P | 19970523 (60) |
| US 1997-43670P | 19970411 (60) |
| US 1997-56632P | 19970822 (60) |
| US 1997-56664P | 19970822 (60) |
| US 1997-56876P | 19970822 (60) |
| US 1997-56881P | 19970822 (60) |
| US 1997-56909P | 19970822 (60) |
| US 1997-56875P | 19970822 (60) |
| US 1997-56862P | 19970822 (60) |
| US 1997-56887P | 19970822 (60) |
| US 1997-56908P | 19970822 (60) |
| US 1997-48964P | 19970606 (60) |
| US 1997-57650P | 19970905 (60) |
| US 1997-56884P | 19970822 (60) |
| US 1997-57669P | 19970905 (60) |
| US 1997-49610P | 19970613 (60) |
| US 1997-61660P | 19971009 (60) |
| US 1997-51926P | 19970708 (60) |
| US 1997-52874P | 19970716 (60) |
| US 1997-58785P | 19970912 (60) |
| US 1997-55724P | 19970818 (60) |

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
 ROCKVILLE, MD, 20850
 NUMBER OF CLAIMS: 23
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 2 Drawing Page(s)
 LINE COUNT: 26326

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/069.100
 INCLS: 435/183.000; 435/320.100; 435/325.000; 435/006.000;
 530/350.000; 536/023.200
 NCL NCLM: 435/069.100
 NCLS: 435/183.000; 435/320.100; 435/325.000; 435/006.000;
 530/350.000; 536/023.200

L21 ANSWER 8 OF 19 USPATFULL on STN
 ACCESSION NUMBER: 2003:237734 USPATFULL

09/920689

TITLE: Novel TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9 alpha2delta-4, 54414, and 53763 molecules and uses therefor

INVENTOR(S): Curtis, Rory A.J., Framingham, MA, UNITED STATES
Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES
Silos-Santiago, Inmaculada, Cambridge, MA, UNITED STATES

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., Cambridge, MA, UNITED STATES, 02139 (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2003165891 | A1 | 20030904 |
| APPLICATION INFO.: | US 2002-146733 | A1 | 20020515 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-518866, filed on 3 Mar 2000, ABANDONED Continuation of Ser. No. US 2000-515520, filed on 29 Feb 2000, PENDING Continuation of Ser. No. US 2001-796720, filed on 28 Feb 2001, PENDING Continuation of Ser. No. US 2001-828035, filed on 6 Apr 2001, PENDING Continuation of Ser. No. US 2001-833081, filed on 11 Apr 2001, PENDING Continuation of Ser. No. US 2001-843128, filed on 25 Apr 2001, PENDING Continuation of Ser. No. US 2001-957683, filed on 19 Sep 2001, PENDING Continuation of Ser. No. US 2001-964252, filed on 25 Sep 2001, PENDING Continuation of Ser. No. US 2001-964256, filed on 25 Sep 2001, PENDING Continuation of Ser. No. US 2001-24623, filed on 17 Dec 2001, PENDING | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-185938P | 20000229 (60) |
| | US 2000-195734P | 20000407 (60) |
| | US 2000-195993P | 20000411 (60) |
| | US 2000-199799P | 20000426 (60) |
| | US 2000-233537P | 20000919 (60) |
| | US 2000-235059P | 20000925 (60) |
| | US 2000-235018P | 20000925 (60) |
| | US 2000-256240P | 20001215 (60) |
| | US 2000-256588P | 20001218 (60) |
| | US 2000-258028P | 20001221 (60) |

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: LAHIVE & COCKFIELD, 28 STATE STREET, BOSTON, MA, 02109

NUMBER OF CLAIMS: 23

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 249 Drawing Page(s)

LINE COUNT: 43430

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9, α .sub.28-4, 54414, and 53763 nucleic acid molecules, which encode novel ion channel family molecules,

Searcher : Shears 571-272-2528

including calcium channels, potassium channels, and NMDA receptors. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9, α .sub.28-4, 54414, and 53763 nucleic acid molecules, host cells into which the expression vectors have been introduced, and non-human transgenic animals in which a TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9, α .sub.28-4, 54414, or 53763 gene has been introduced or disrupted. The invention still further provides isolated TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9, α .sub.28-4, 54414, and 53763 polypeptides, fusion polypeptides, antigenic peptides and anti-TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9, α .sub.28-4, 54414, and 53763 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/006.000
 INCLS: 435/069.100; 435/194.000; 435/320.100; 435/325.000;
 530/350.000; 536/023.200; 530/388.220; 435/007.200
 NCL NCLM: 435/006.000
 NCLS: 435/069.100; 435/194.000; 435/320.100; 435/325.000;
 530/350.000; 536/023.200; 530/388.220; 435/007.200

L21 ANSWER 9 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:207317 USPATFULL
 TITLE: Novel 38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt molecules and uses therefor
 INVENTOR(S): Curtis, Rory A.J., Framingham, MA, UNITED STATES
 Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES
 Meyers, Rachel E., Newton, MA, UNITED STATES
 PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., Cambridge, MA (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2003143675 | A1 | 20030731 |
| APPLICATION INFO.: | US 2002-154419 | A1 | 20020522 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2001-858194, filed on 14 May 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-895811, filed on 29 Jun 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-919781, filed on 31 Jul 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-957664, filed on 19 Sep 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-964295, filed on 25 Sep 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-972724, filed on 5 Oct 2001, PENDING | | |
| | Continuation-in-part | | |

09/920689

of Ser. No. US 2001-2769, filed on 14 Nov 2001,
PENDING Continuation-in-part of Ser. No. US
2001-24623, filed on 17 Dec 2001, PENDING
Continuation-in-part of Ser. No. US 2002-55025,
filed on 22 Jan 2002, PENDING

| | NUMBER | DATE |
|--|---|---------------|
| PRIORITY INFORMATION: | US 2000-204211P | 20000512 (60) |
| | US 2000-215376P | 20000629 (60) |
| | US 2000-221769P | 20000731 (60) |
| | US 2000-233790P | 20000919 (60) |
| | US 2000-235107P | 20000925 (60) |
| | US 2000-238336P | 20001005 (60) |
| | US 2000-248364P | 20001114 (60) |
| | US 2000-248878P | 20001115 (60) |
| | US 2000-256240P | 20001215 (60) |
| | US 2000-256588P | 20001218 (60) |
| | US 2000-258028P | 20001221 (60) |
| | US 2001-263169P | 20010122 (60) |
| | US 2001-263169P | 20010122 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | Intellectual Property Group, MILLENNIUM PHARMACEUTICALS, INC., 75 Sidney Street, Cambridge, MA, 02139 | |
| NUMBER OF CLAIMS: | 23 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 252 Drawing Page(s) | |
| LINE COUNT: | 45817 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |
| AB | The invention provides isolated nucleic acids molecules, designated 38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt nucleic acid molecules, which encode transporter molecules, including sugar transporters, organic anion transporters, amino acid transporters, and phospholipid transporters. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt nucleic acid molecules, host cells into which the expression vectors have been introduced, and non-human transgenic animals in which a 38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt gene has been introduced or disrupted. The invention still further provides isolated 38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt polypeptides, fusion polypeptides, antigenic peptides and anti-38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt antibodies. Diagnostic and therapeutic methods utilizing | |

compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/069.100
 INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.200
 NCL NCLM: 435/069.100
 NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.200

L21 ANSWER 10 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:206834 USPATFULL
 TITLE: Chemokine beta-1 fusion proteins
 INVENTOR(S): Bell, Adam, Germantown, MD, UNITED STATES
 Ruben, Steven M., Olney, MD, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2003143191 | A1 | 20030731 |
| APPLICATION INFO.: | US 2002-153604 | A1 | 20020524 (10) |

| | NUMBER | DATE |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 2001-293212P | 20010525 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850 | |
| NUMBER OF CLAIMS: | 17 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 21 Drawing Page(s) | |
| LINE COUNT: | 15446 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel chemokine polypeptides and encoding nucleic acids. More specifically, therapeutic compositions and methods are provided using isolated nucleic acid molecules encoding a human chemokine beta-1 (Ck β -1 or Ckb1) polypeptide (previously termed monocyte-colony inhibitory factor (M-CIF), MIP1- γ , and Hemofiltrate CC chemokine-1 (HCC-1)), and Ckb1 polypeptides themselves, as are vectors, host cells and recombinant methods for producing the same. Also provided are methods of treating, preventing, ameliorating diseases using such compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/085.100
 INCLS: 530/351.000; 536/023.500; 435/069.500; 435/320.100;
 435/325.000
 NCL NCLM: 424/085.100
 NCLS: 530/351.000; 536/023.500; 435/069.500; 435/320.100;
 435/325.000

L21 ANSWER 11 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:200905 USPATFULL
 TITLE: Novel G protein-coupled receptor family members,
 human thioredoxin family members, human
 leucine-rich repeat family members, and human
 ringfinger family member

09/920689

INVENTOR(S): Glucksmann, Maria Alexandra, Lexington, MA,
 UNITED STATES
 Silos-Santiago, Inmaculada, Jamaica Plain, MA,
 UNITED STATES
 Galvin, Katherine M., Jamaica Plain, MA, UNITED
 STATES
 Weich, Nadine, Brookline, MA, UNITED STATES
 Curtis, Rory A. J., Framingham, MA, UNITED STATES
 Bandaru, Rajasekhar, Watertown, MA, UNITED STATES
 Kapeller-Libermann, Rosana, Chestnut Hill, MA,
 UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2003138890 | A1 | 20030724 |
| APPLICATION INFO.: | US 2002-145586 | A1 | 20020514 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2001-796338, filed on 28 Feb 2001, PENDING Continuation-in-part of Ser. No. WO 2001-US6543, filed on 28 Feb 2001, PENDING | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | WO 2001-US6057 | 20010223 |
| | WO 2001-US23152 | 20010723 |
| | WO 2001-US40476 | 20010409 |
| | WO 2001-US7139 | 20010305 |
| | WO 2001-US19544 | 20010615 |
| | WO 2001-US29967 | 20010925 |
| | WO 2001-US9470 | 20010323 |
| | WO 2001-US10380 | 20010330 |
| | WO 2001-US29968 | 20010925 |
| | US 2000-186059P | 20000229 (60) |
| | US 2000-220042P | 20000721 (60) |
| | US 2000-187447P | 20000307 (60) |
| | US 2000-211673P | 20000615 (60) |
| | US 2000-235049P | 20000925 (60) |
| | US 2000-191863P | 20000324 (60) |
| | US 2000-193919P | 20000331 (60) |
| | US 2000-235032P | 20000925 (60) |

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: JOHN W. FREEMAN, ESQ., Fish & Richardson P.C.,
 225 Franklin Street, Boston, MA, 02110-2804

NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 97 Drawing Page(s)
LINE COUNT: 51652

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules,
designated 20716, 65494, 44576, 1983, 52881, 2398, 45449, 50289,
52872, 22105, 22109, 22108, 47916, 33395, 31939, and 84241 nucleic
acid molecules, which encode novel G protein-coupled receptor
family members, human thioredoxin family members, human
leucine-rich repeat family members, and human ringfinger family
member. The invention also provides antisense nucleic acid

Searcher : Shears 571-272-2528

molecules, recombinant expression vectors containing 20716, 65494, 44576, 1983, 52881, 2398, 45449, 50289, 52872, 22105, 22109, 22108, 47916, 33395, 31939, or 84241 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 20716, 65494, 44576, 1983, 52881, 2398, 45449, 50289, 52872, 22105, 22109, 22108, 47916, 33395, 31939, or 84241 gene has been introduced or disrupted. The invention still further provides isolated 20716, 65494, 44576, 1983, 52881, 2398, 45449, 50289, 52872, 22105, 22109, 22108, 47916, 33395, 31939, or 84241 proteins, fusion proteins, antigenic peptides and anti-20716, 65494, 44576, 1983, 52881, 2398, 45449, 50289, 52872, 22105, 22109, 22108, 47916, 33395, 31939, or 84241 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/069.100
 INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
 NCL NCLM: 435/069.100
 NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500

L21 ANSWER 12 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:146312 USPATFULL
 TITLE: Human G-protein Chemokine Receptor (CCR5) HDGMR10
 INVENTOR(S): Roschke, Viktor, Rockville, MD, UNITED STATES
 Rosen, Craig A., Laytonsville, MD, UNITED STATES
 Ruben, Steven M., Olney, MD, UNITED STATES
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc. (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2003100058 | A1 | 20030529 |
| APPLICATION INFO.: | US 2002-67800 | A1 | 20020208 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. WO 2001-US4153, filed on 9 Feb 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-779880, filed on 9 Feb 2001, PENDING | | |

| | NUMBER | DATE |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 2001-297257P | 20010612 (60) |
| | US 2001-310458P | 20010808 (60) |
| | US 2001-328447P | 20011012 (60) |
| | US 2001-341725P | 20011221 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 NEW YORK AVENUE, N.W., SUITE 600, WASHINGTON, DC, 20005-3934 | |
| NUMBER OF CLAIMS: | 60 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 7 Drawing Page(s) | |
| LINE COUNT: | 18955 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel human protein called Human G-protein Chemokine Receptor (CCR5) HDGMR10, and isolated

polynucleotides encoding this protein. The invention is also directed to human antibodies that bind Human G-protein Chemokine Receptor (CCR5) HDGNR10 and to polynucleotides encoding those antibodies. Also provided are vectors, host cells, antibodies, and recombinant methods for producing Human G-protein Chemokine Receptor (CCR5) HDGNR10 and human anti-Human G-protein Chemokine Receptor (CCR5) HDGNR10 antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to this novel human protein and these novel human antibodies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/069.100
 INCLS: 435/326.000; 435/320.100; 530/388.800; 536/023.530
 NCL NCLM: 435/069.100
 NCLS: 435/326.000; 435/320.100; 530/388.800; 536/023.530

L21 ANSWER 13 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:140464 USPATFULL

TITLE: Novel human membrane-associated protein and cell surface protein family members

INVENTOR(S): Meyers, Rachel E., Newton, MA, UNITED STATES
 Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES
 Curtis, Rory A. J., Framingham, MA, UNITED STATES
 Kapeller-Libermann, Rosana, Chestnut Hill, MA, UNITED STATES
 Bandaru, Rajasekhar, Watertown, MA, UNITED STATES
 Leiby, Kevin R., Natick, MA, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2003096305 | A1 | 20030522 |
| APPLICATION INFO.: | US 2002-162435 | A1 | 20020604 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2001-836499, filed on 17 Apr 2001, PENDING | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | WO 2001-US12420 | 20010417 |
| | WO 2001-US19963 | 20010625 |
| | WO 2001-US16013 | 20010518 |
| | WO 2001-US20055 | 20010621 |
| | WO 2002-US275 | 20020108 |
| | WO 2001-US41811 | 20010821 |
| | US 2000-197507P | 20000418 (60) |
| | US 2000-214220P | 20000623 (60) |
| | US 2000-205674P | 20000519 (60) |
| | US 2000-213963P | 20000623 (60) |
| | US 2001-260286P | 20010108 (60) |
| | US 2000-226612P | 20000821 (60) |

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: LOUIS MYERS, Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804
 NUMBER OF CLAIMS: 19

EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 22 Drawing Page(s)
 LINE COUNT: 30445
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 16051a, 16051b, 58199, 57805, 56739, 39362, and 23228 nucleic acid molecules, which encode novel human membrane-associated protein family members, and human cell surface protein family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 16051a, 16051b, 58199, 57805, 56739, 39362, or 23228 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 16051a, 16051b, 58199, 57805, 56739, 39362, or 23228 gene has been introduced or disrupted. The invention still further provides isolated 16051a, 16051b, 58199, 57805, 56739, 39362, or 23228 proteins, fusion proteins, antigenic peptides and anti-16051a, 16051b, 58199, 57805, 56739, 39362, or 23228 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/007.100
 INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000;
 530/350.000; 530/388.100; 536/023.200
 NCL NCLM: 435/007.100
 NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000;
 530/350.000; 530/388.100; 536/023.200

L21 ANSWER 14 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:120747 USPATFULL
 TITLE: Blood cell deficiency treatment method
 INVENTOR(S): Ahlem, Clarence N., San Diego, CA, UNITED STATES
 Reading, Christopher, San Diego, CA, UNITED STATES
 Frincke, James, San Diego, CA, UNITED STATES
 Stickney, Dwight, Granite Bay, CA, UNITED STATES
 Lardy, Henry A., Madison, WI, UNITED STATES
 Marwah, Padma, Middleton, WI, UNITED STATES
 Marwah, Ashok, Middleton, WI, UNITED STATES
 Prendergast, Patrick T., Straffan, IRELAND

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2003083231 | A1 | 20030501 |
| APPLICATION INFO.: | US 2002-87929 | A1 | 20020301 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2000-675470, filed on 28 Sep 2000, PENDING | | |
| | Continuation-in-part of Ser. No. US 2001-820483, filed on 29 Mar 2001, PENDING | | |
| | Continuation-in-part of Ser. No. US 2000-535675, filed on 23 Mar 2000, PENDING | | |
| | Continuation-in-part of Ser. No. US 1999-449004, filed on 24 Nov 1999, ABANDONED | | |
| | Continuation-in-part of Ser. No. US 1999-449184, filed on 24 Nov 1999, ABANDONED | | |

09/920689

Continuation-in-part of Ser. No. US 1999-449042,
filed on 24 Nov 1999, ABANDONED
Continuation-in-part of Ser. No. US 1999-461026,
filed on 15 Dec 1999, ABANDONED
Continuation-in-part of Ser. No. US 2000-586673,
filed on 1 Jun 2000, ABANDONED
Continuation-in-part of Ser. No. US 2000-586672,
filed on 1 Jun 2000, ABANDONED
Continuation-in-part of Ser. No. US 1999-414905,
filed on 8 Oct 1999, ABANDONED

| | NUMBER | DATE |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | US 1999-161453P | 19991025 (60) |
| | US 2001-272624P | 20010301 (60) |
| | US 2001-323016P | 20010911 (60) |
| | US 2001-340045P | 20011130 (60) |
| | US 2001-328738P | 20011011 (60) |
| | US 2001-338015P | 20011108 (60) |
| | US 2001-343523P | 20011220 (60) |
| | US 1999-126056P | 19991019 (60) |
| | US 1999-124087P | 19990311 (60) |
| | US 1998-109923P | 19981124 (60) |
| | US 1998-109924P | 19981124 (60) |
| | US 1998-110127P | 19981127 (60) |
| | US 1998-112206P | 19981215 (60) |
| | US 1999-145823P | 19990727 (60) |
| | US 1999-137745P | 19990603 (60) |
| | US 1999-140028P | 19990616 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | HOLLIS-EDEN PHARMACEUTICALS, INC., 4435 EASTGATE MALL, SUITE 400, SAN DIEGO, CA, 92121 | |
| NUMBER OF CLAIMS: | 45 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 19428 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to the use of compounds to treat a number of conditions, such as thrombocytopenia, neutropenia or the delayed effects of radiation therapy. Compounds that can be used in the invention include methyl-2,3,4-trihydroxy-1-O-(7,17-dioxoandrost-5-ene-3 β -yl)- β -D-glucopyranosiduronate, 16 α ,3 α -dihydroxy-5 α -androstane-17-one or 3,7,16,17-tetrahydroxyandrost-5-ene, 3,7,16,17-tetrahydroxyandrost-4-ene, 3,7,16,17-tetrahydroxyandrost-1-ene or 3,7,16,17-tetrahydroxyandrostane that can be used in the treatment method.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/002.000
INCLS: 514/063.000; 514/026.000; 514/044.000; 514/169.000;
514/173.000
NCL NCLM: 514/002.000
NCLS: 514/063.000; 514/026.000; 514/044.000; 514/169.000;
514/173.000

L21 ANSWER 15 OF 19 USPATFULL on STN

Searcher : Shears 571-272-2528

09/920689

ACCESSION NUMBER: 2003:71333 USPATFULL
TITLE: 186 human secreted proteins
INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Bednarik, Daniel P., Columbia, MD, UNITED STATES
Endress, Gregory A., Florence, MA, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Feng, Ping, Gaithersburg, MD, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Greene, John M., Gaithersburg, MD, UNITED STATES
Ferrie, Ann M., Painted Post, NY, UNITED STATES
Duan, D. Roxanne, Bethesda, MD, UNITED STATES
Hu, Jing-Shan, Mountain View, CA, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Fischer, Carrie L., Burke, VA, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Li, Yi, Sunnyvale, CA, UNITED STATES
Zeng, Zhizhen, Lansdale, PA, UNITED STATES
Kyaw, Hla, Frederick, MD, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 2003049618 | A1 | 20030313 |
| APPLICATION INFO.: | US 2001-809391 | A1 | 20010316 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1998-149476, filed on 8 Sep 1998, GRANTED, Pat. No. US 6420526 Continuation-in-part of Ser. No. WO 1998-US4493, filed on 6 Mar 1998, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-190068P | 20000317 (60) |
| | US 1997-40162P | 19970307 (60) |
| | US 1997-40333P | 19970307 (60) |
| | US 1997-38621P | 19970307 (60) |
| | US 1997-40626P | 19970307 (60) |
| | US 1997-40334P | 19970307 (60) |
| | US 1997-40336P | 19970307 (60) |
| | US 1997-40163P | 19970307 (60) |
| | US 1997-47600P | 19970523 (60) |
| | US 1997-47615P | 19970523 (60) |
| | US 1997-47597P | 19970523 (60) |
| | US 1997-47502P | 19970523 (60) |
| | US 1997-47633P | 19970523 (60) |
| | US 1997-47583P | 19970523 (60) |
| | US 1997-47617P | 19970523 (60) |

09/920689

| | |
|----------------|---------------|
| US 1997-47618P | 19970523 (60) |
| US 1997-47503P | 19970523 (60) |
| US 1997-47592P | 19970523 (60) |
| US 1997-47581P | 19970523 (60) |
| US 1997-47584P | 19970523 (60) |
| US 1997-47500P | 19970523 (60) |
| US 1997-47587P | 19970523 (60) |
| US 1997-47492P | 19970523 (60) |
| US 1997-47598P | 19970523 (60) |
| US 1997-47613P | 19970523 (60) |
| US 1997-47582P | 19970523 (60) |
| US 1997-47596P | 19970523 (60) |
| US 1997-47612P | 19970523 (60) |
| US 1997-47632P | 19970523 (60) |
| US 1997-47601P | 19970523 (60) |
| US 1997-43580P | 19970411 (60) |
| US 1997-43568P | 19970411 (60) |
| US 1997-43314P | 19970411 (60) |
| US 1997-43569P | 19970411 (60) |
| US 1997-43311P | 19970411 (60) |
| US 1997-43671P | 19970411 (60) |
| US 1997-43674P | 19970411 (60) |
| US 1997-43669P | 19970411 (60) |
| US 1997-43312P | 19970411 (60) |
| US 1997-43313P | 19970411 (60) |
| US 1997-43672P | 19970411 (60) |
| US 1997-43315P | 19970411 (60) |
| US 1997-48974P | 19970606 (60) |
| US 1997-56886P | 19970822 (60) |
| US 1997-56877P | 19970822 (60) |
| US 1997-56889P | 19970822 (60) |
| US 1997-56893P | 19970822 (60) |
| US 1997-56630P | 19970822 (60) |
| US 1997-56878P | 19970822 (60) |
| US 1997-56662P | 19970822 (60) |
| US 1997-56872P | 19970822 (60) |
| US 1997-56882P | 19970822 (60) |
| US 1997-56637P | 19970822 (60) |
| US 1997-56903P | 19970822 (60) |
| US 1997-56888P | 19970822 (60) |
| US 1997-56879P | 19970822 (60) |
| US 1997-56880P | 19970822 (60) |
| US 1997-56894P | 19970822 (60) |
| US 1997-56911P | 19970822 (60) |
| US 1997-56636P | 19970822 (60) |
| US 1997-56874P | 19970822 (60) |
| US 1997-56910P | 19970822 (60) |
| US 1997-56864P | 19970822 (60) |
| US 1997-56631P | 19970822 (60) |
| US 1997-56845P | 19970822 (60) |
| US 1997-56892P | 19970822 (60) |
| US 1997-57761P | 19970905 (60) |
| US 1997-47595P | 19970523 (60) |
| US 1997-47599P | 19970523 (60) |
| US 1997-47588P | 19970523 (60) |
| US 1997-47585P | 19970523 (60) |

09/920689

| | |
|----------------|---------------|
| US 1997-47586P | 19970523 (60) |
| US 1997-47590P | 19970523 (60) |
| US 1997-47594P | 19970523 (60) |
| US 1997-47589P | 19970523 (60) |
| US 1997-47593P | 19970523 (60) |
| US 1997-47614P | 19970523 (60) |
| US 1997-43578P | 19970411 (60) |
| US 1997-43576P | 19970411 (60) |
| US 1997-47501P | 19970523 (60) |
| US 1997-43670P | 19970411 (60) |
| US 1997-56632P | 19970822 (60) |
| US 1997-56664P | 19970822 (60) |
| US 1997-56876P | 19970822 (60) |
| US 1997-56881P | 19970822 (60) |
| US 1997-56909P | 19970822 (60) |
| US 1997-56875P | 19970822 (60) |
| US 1997-56862P | 19970822 (60) |
| US 1997-56887P | 19970822 (60) |
| US 1997-56908P | 19970822 (60) |
| US 1997-48964P | 19970606 (60) |
| US 1997-57650P | 19970905 (60) |
| US 1997-56884P | 19970822 (60) |
| US 1997-57669P | 19970905 (60) |
| US 1997-49610P | 19970613 (60) |
| US 1997-61660P | 19971009 (60) |
| US 1997-51926P | 19970708 (60) |
| US 1997-52874P | 19970716 (60) |
| US 1997-58785P | 19970912 (60) |
| US 1997-55724P | 19970818 (60) |

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 26235

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000;
530/350.000; 536/023.100
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000;
530/350.000; 536/023.100

L21 ANSWER 16 OF 19 USPATFULL on STN

Searcher : Shears 571-272-2528

09/920689

ACCESSION NUMBER: 2003:50960 USPATFULL
TITLE: Image making medium
INVENTOR(S): Hyman, Sydney, New York, NY, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2003035917 | A1 | 20030220 |
| APPLICATION INFO.: | US 2002-170503 | A1 | 20020614 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2002-12259, filed on 14 Jun 2002, PENDING Continuation-in-part of Ser. No. WO 2000-US16111, filed on 12 Jun 2000, UNKNOWN | | |

| | NUMBER | DATE |
|--|--|---------------|
| PRIORITY INFORMATION: | US 1999-138694P | 19990611 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | Sydney Hyman, 51 Greene Street, #3, New York, NY, 10013 | |
| NUMBER OF CLAIMS: | 24 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 90 Drawing Page(s) | |
| LINE COUNT: | 24304 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

AB The invention relates to an image support medium for creation of an aesthetic image that is an work or object for display. This support medium includes a polymer in an amount sufficient to enable the image to have at least one aesthetic element. In different embodiments, the image support medium is an image support stabilizer, the polymer is a synthetic absorbent or conductive polymer, or the polymer is a transparent or synthetic translucent polymer and a property of this transparent or translucent polymer is enhanced to facilitate the creation or preservation of the image by at least one stabilizer. The invention also relates to a method for preparing this image support medium. The method includes forming a reaction mixture comprising a monomer in an amount sufficient to provide or enable the image to have an aesthetic element, and processing the reaction mixture into a 2- or 3-dimensional shape.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 428/067.000
INCLS: 524/106.000; 428/141.000; 428/690.000; 156/058.000
NCL NCLM: 428/067.000
NCLS: 524/106.000; 428/141.000; 428/690.000; 156/058.000

L21 ANSWER 17 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2003:44384 USPATFULL
TITLE: Controlled release particles
INVENTOR(S): Anderson, Mark T., Woodbury, MN, UNITED STATES
Budd, Kenton D., Woodbury, MN, UNITED STATES
Marabella, Charles P., St. Paul, MN, UNITED STATES
Nigatu, Tadesse G., Maplewood, MN, UNITED STATES
PATENT ASSIGNEE(S): 3M Innovative Properties Company (U.S.)

Searcher : Shears 571-272-2528

09/920689

corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 2003031694 | A1 | 20030213 |
| APPLICATION INFO.: | US 2001-920689 | A1 | 20010802 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2001-838854, filed on 20 Apr 2001, ABANDONED | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | Attention: Scott A. Bardell, Office of Intellectual Property Counsel, 3M Innovative Properties Company, P.O. Box 33427, St. Paul, MN, 55133-3427 | | |
| NUMBER OF CLAIMS: | 108 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 1294 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A particle that includes an inorganic matrix that includes channels and a composition disposed in the channels, the composition including organic structure-directing agent and active agent, e.g., pheromone, and the particle being capable of controllably releasing the active agent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/421.000
INCLS: 525/192.000
NCL NCLM: 424/421.000
NCLS: 525/192.000

L21 ANSWER 18 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:38351 USPATFULL

TITLE: Novel genes encoding proteins having prognostic, diagnostic, preventive, therapeutic, and other uses

INVENTOR(S): Holtzman, Douglas A., Jamaica Plain, MA, UNITED STATES
Barnes, Thomas M., Brookline, MA, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 2003027998 | A1 | 20030206 |
| APPLICATION INFO.: | US 2001-796753 | A1 | 20010301 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1998-183175, filed on 30 Oct 1998, ABANDONED | | |
| | Continuation-in-part of Ser. No. US 2000-599596, filed on 22 Jun 2000, ABANDONED | | |
| | Division of Ser. No. US 1998-223546, filed on 30 Dec 1998, ABANDONED | | |
| | Division of Ser. No. US 1999-471179, filed on 23 Dec 1999, PENDING | | |
| | Continuation-in-part of Ser. No. US 1998-223546, filed on 30 Dec 1998, ABANDONED | | |
| | Continuation-in-part of Ser. No. US 1999-474072, filed on 29 Dec 1999, PENDING | | |
| | Continuation-in-part of Ser. No. US 1998-224246, filed on 30 Dec 1998, ABANDONED | | |

Searcher : Shears 571-272-2528

Continuation-in-part of Ser. No. US 1999-474071,
 filed on 29 Dec 1999, ABANDONED
 Continuation-in-part of Ser. No. US 1998-223094,
 filed on 30 Dec 1998, ABANDONED
 Continuation-in-part of Ser. No. US 2000-514010,
 filed on 25 Feb 2000, ABANDONED
 Continuation-in-part of Ser. No. US 1999-259388,
 filed on 26 Feb 1999, ABANDONED
 Continuation-in-part of Ser. No. US 2000-516745,
 filed on 1 Mar 2000, ABANDONED
 Continuation-in-part of Ser. No. US 2000-597993,
 filed on 19 Jun 2000, PENDING
 Continuation-in-part of Ser. No. US 1999-336536,
 filed on 18 Jun 1999, PENDING
 Continuation-in-part of Ser. No. US 2000-630334,
 filed on 31 Jul 2000, PENDING
 Continuation-in-part of Ser. No. US 1999-365164,
 filed on 30 Jul 1999, ABANDONED
 Continuation-in-part of Ser. No. US 2000-665666,
 filed on 20 Sep 2000, PENDING
 Continuation-in-part of Ser. No. US 1999-399723,
 filed on 20 Sep 1999, ABANDONED
 Continuation-in-part of Ser. No. US 2000-667751,
 filed on 21 Sep 2000, PENDING
 Continuation-in-part of Ser. No. US 1999-409634,
 filed on 30 Sep 1999, ABANDONED
 Continuation-in-part of Ser. No. US 2000-572002,
 filed on 15 May 2000, PENDING
 Continuation-in-part of Ser. No. US 1999-312359,
 filed on 14 May 1999, ABANDONED
 Continuation-in-part of Ser. No. US 2000-606565,
 filed on 29 Jun 2000, PENDING
 Continuation-in-part of Ser. No. US 1999-342687,
 filed on 29 Jun 1999, ABANDONED
 Continuation-in-part of Ser. No. US 2000-606317,
 filed on 29 Jun 2000, PENDING
 Continuation-in-part of Ser. No. US 1999-345464,
 filed on 30 Jun 1999, ABANDONED

| | NUMBER | DATE |
|--|---|---------------|
| PRIORITY INFORMATION: | US 1999-122458P | 19990301 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW YORK, NY, 100362711 | |
| NUMBER OF CLAIMS: | 27 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 536 Drawing Page(s) | |
| LINE COUNT: | 22222 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

AB The invention provides isolated nucleic acid molecules and polypeptide molecules. The invention also provides antisense nucleic acid molecules, expression vectors containing the nucleic acid molecules of the invention, host cells into which the expression vectors have been introduced, and non-human transgenic

09/920689

animals in which a nucleic acid molecule of the invention has been introduced or disrupted. The invention still further provides isolated polypeptides, fusion polypeptides, antigenic peptides and antibodies. Diagnostic, screening and therapeutic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 536/023.100

NCL NCLM: 536/023.100

L21 ANSWER 19 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:119846 USPATFULL

TITLE: Human G-protein Chemokine receptor (CCR5) HDGNR10

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES

Roschke, Viktor, Rockville, MD, UNITED STATES

Li, Yi, Sunnyvale, CA, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2002061834 | A1 | 20020523 |
| APPLICATION INFO.: | US 2001-779880 | A1 | 20010209 (9) |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-181258P | 20000209 (60) |
| | US 2000-187999P | 20000309 (60) |
| | US 2000-234336P | 20000922 (60) |

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: STERNE, KESSLER, GOLDSTEIN & FOX PLLC, 1100 NEW YORK AVENUE, N.W., SUITE 600, WASHINGTON, DC, 20005-3934

NUMBER OF CLAIMS: 61

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 4 Drawing Page(s)

LINE COUNT: 18667

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel human protein called Human G-protein Chemokine Receptor (CCR5) HDGNR10, and isolated polynucleotides encoding this protein. The invention is also directed to human antibodies that bind Human G-protein Chemokine Receptor (CCR5) HDGNR10 and to polynucleotides encoding those antibodies. Also provided are vectors, host cells, antibodies, and recombinant methods for producing Human G-protein Chemokine Receptor (CCR5) HDGNR10 and human anti-Human G-protein Chemokine Receptor (CCR5) HDGNR10 antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to this novel human protein and these novel human antibodies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/001.000

INCLS: 530/350.000; 536/023.500; 435/325.000; 435/320.100;
435/069.100

NCL NCLM: 514/001.000

Searcher : Shears 571-272-2528

09/920689

NCLS: 530/350.000; 536/023.500; 435/325.000; 435/320.100;
435/069.100

Searcher : Shears 571-272-2528